

Table 913. Electric Power Industry—Capability, Peak Load, and Capacity Margin: 1980 to 2006

[558,237 represents 558,237,000 kW. Excludes Alaska and Hawaii. Capability represents the maximum kilowatt output with all power sources available and with hydraulic equipment under actual water conditions, allowing for maintenance, emergency outages, and system operating requirements. Capacity margin is the difference between capability and peak load]

Year	Capability at the time of—				Noncoincident peak load		Capacity margin			
	Summer peak load (1,000 kW)		Winter peak load (1,000 kW)		Summer (1,000 kW)	Winter (1,000 kW)	Summer		Winter	
	Amount	Change from prior year	Amount	Change from prior year			Amount (1,000 kW)	Percent of capability	Amount (1,000 kW)	Percent of capability
1980	558,237	13,731	572,195	17,670	427,058	384,567	131,179	23.5	187,628	32.8
1985	621,597	17,357	636,475	14,350	460,503	423,660	161,094	25.9	212,815	33.4
1987	648,118	14,827	662,977	16,256	496,185	448,277	151,933	23.4	214,700	32.4
1988	661,580	13,462	676,940	13,963	529,460	466,533	132,120	20.0	210,407	31.1
1989	673,316	11,736	685,249	8,309	524,110	496,378	149,206	22.2	188,871	27.6
1990	685,091	11,775	696,757	11,508	546,331	484,231	138,760	20.3	212,526	30.5
1991	690,915	5,824	703,212	6,455	551,418	485,761	139,497	20.2	217,451	30.9
1992	695,436	4,521	707,752	4,540	548,707	492,983	146,729	21.1	214,769	30.3
1993	694,250	-1,186	711,957	4,205	575,356	521,733	118,894	17.1	190,224	26.7
1994	702,985	8,735	715,090	3,133	585,320	518,253	117,665	16.7	196,837	27.5
1995	714,222	11,237	727,679	12,589	620,249	544,684	93,973	13.2	182,995	25.1
1996	724,728	10,506	737,637	9,958	616,790	554,081	107,938	14.9	183,556	24.9
1997	725,829	1,101	736,666	-971	637,677	529,874	88,152	12.1	206,792	28.1
1998	724,193	-1,636	735,090	-1,576	660,293	567,558	63,900	8.8	167,532	22.8
1999	733,481	9,288	748,271	13,181	682,122	570,915	51,359	7.0	177,356	23.7
2000	750,771	17,290	767,505	19,234	678,413	588,426	72,358	9.6	179,079	23.3
2001	783,737	32,966	806,598	39,093	687,812	576,312	95,925	12.2	230,286	28.6
2002	825,145	41,408	850,984	44,386	714,565	604,986	110,580	13.4	245,998	28.9
2003	853,649	28,504	882,120	31,136	709,375	593,874	144,274	16.9	288,246	32.7
2004	851,766	-1,883	864,849	-17,271	704,459	618,701	147,307	17.3	246,148	28.5
2005	860,137	8,371	878,110	13,261	758,876	626,365	101,261	11.8	251,745	28.7
2006 ¹	870,480	10,343	888,698	10,588	762,228	635,597	108,252	12.4	253,101	28.5

¹ Preliminary.

Source: Edison Electric Institute, Washington, DC, *Statistical Yearbook of the Electric Power Industry*, annual.